

Application Number 10/693,001
Preliminary Amendment

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Original): An antenna for a medical device programmer, wherein the antenna defines an aperture with a channel formed to hold a portion of an item of clothing associated with a patient and thereby hold the antenna in a substantially fixed position relative to an implantable medical device.

Claim 2 (Original): The antenna of claim 1, wherein the aperture comprises a wide end to insert the portion of the item of clothing.

Claim 3 (Original): The antenna of claim 2, wherein the channel is substantially narrower than the wide end of the aperture.

Claim 4 (Original): The antenna of claim 1, further comprising a cable for connection to the medical device programmer.

Claim 5 (Original): The antenna of claim 1, further comprising grip surfaces to grip the antenna.

Claim 6 (Original): The antenna of claim 5, wherein the grip surfaces are rubberized.

Claim 7 (Original): The antenna of claim 1, wherein the aperture comprises a wide end with a tear drop-like shape to insert the portion of the item of clothing.

Claim 8 (Original): The antenna of claim 1, further comprising an insulative telemetry head housing that encases the antenna.

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Claim 9 (Original): A method comprising:

positioning an antenna relative to an implanted medical device, wherein the antenna defines an aperture with a channel; and

pulling a portion of an item of clothing through the channel in the antenna to thereby hold the antenna in a substantially fixed position relative to the implantable medical device.

Claim 10 (Original): The method of claim 9, wherein the aperture comprises a wide end to insert the portion of the item of clothing.

Claim 11 (Original): The method of claim 10, wherein the channel is substantially narrower than the wide end of the aperture.

Claim 12 (Original): The method of claim 9, wherein the antenna includes a cable, the method further comprising connecting the cable to the medical device programmer.

Claim 13 (Original): The method of claim 9, further comprising gripping grip surfaces on the antenna during positioning of the antenna.

Claim 14 (Original): The method of claim 13, wherein the grip surfaces are rubberized.

Claim 15 (Original): The method of claim 9, wherein the aperture comprises a wide end with a tear drop-like shape to insert the portion of the item of clothing.

Claim 16 (New): The antenna of claim 1, wherein the medical device programmer is a neurostimulator programmer.

Claim 17 (New): The antenna of claim 9, wherein the medical device is a neurostimulator.

Claim 18 (New): A medical device programmer comprising:
a device housing;

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telemetry circuitry mounted within the device housing;

an antenna defining an aperture with a channel formed to hold a portion of an item of clothing associated with a patient and thereby hold the antenna in a substantially fixed position relative to an implantable medical device;

a cable to couple the antenna to the telemetry circuitry; and

control circuitry to control the telemetry circuitry to transmit information to the implantable medical device via the antenna, and receive information from the implantable medical device via the antenna.

Claim 19 (New): The medical device programmer of claim 18, wherein the aperture comprises a wide end to insert the portion of the item of clothing.

Claim 20 (New): The medical device programmer of claim 19, wherein the channel is substantially narrower than the wide end of the aperture.

Claim 21 (New): The medical device programmer of claim 18, further comprising grip surfaces to grip the antenna.

Claim 22 (New): The medical device programmer of claim 21, wherein the grip surfaces are rubberized.

Claim 23 (New): The medical device programmer of claim 18, wherein the aperture comprises a wide end with a tear drop-like shape to insert the portion of the item of clothing.

Claim 24 (New): The medical device programmer of claim 18, further comprising an insulative telemetry head housing that encases the antenna.

Claim 25 (New): An antenna for a medical device programmer, the antenna comprising:
an antenna head; and

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means for attaching the antenna head to an item of clothing associated with a patient and thereby hold the antenna in a substantially fixed position relative to an implantable medical device.

Claim 26 (New) The antenna of claim 25, wherein the medical device is a neurostimulator.